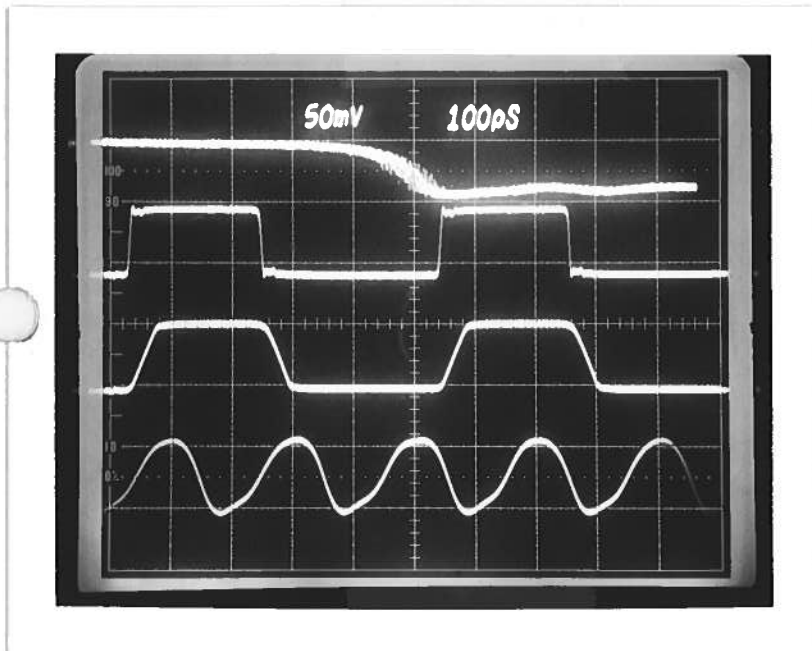


PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-1000-C .

S.N.: 9066

Date: Oct 29, 1999



- a) Output signal amplitude: ✓  
0 to ±10V, TTL, ECL, and complements
- b) Pulse width: ✓  
10ns - 1ms
- c) Rise time: ✓  
5ns - 1ms
- d) Fall time: ✓  
5ns - 1ms
- e) PRF: ✓  
1kHz - 50MHz
- f) Jitter, stability: ✓  
OK
- g) Prime power: ✓  
120/240V, 50-60Hz

Trace #1 Jitter Check  
100ps/div, 5V/div  
AV-1000-C used to trigger  
high-speed AVK-AV-N-PS.

Trace #2 50ns/div, 5V/div  
PRF ~ 4MHz,  $t_r$  and  $t_f$   
at minimum.  $R_L = 50\Omega$

Trace #3 As #2, but  $t_r$ ,  $t_f$   
increased.

Trace #4 10ns/div, 5V/div  
50MHz operation.  
 $t_r$ ,  $t_f$  at minimum.

Setup for Trace #1

